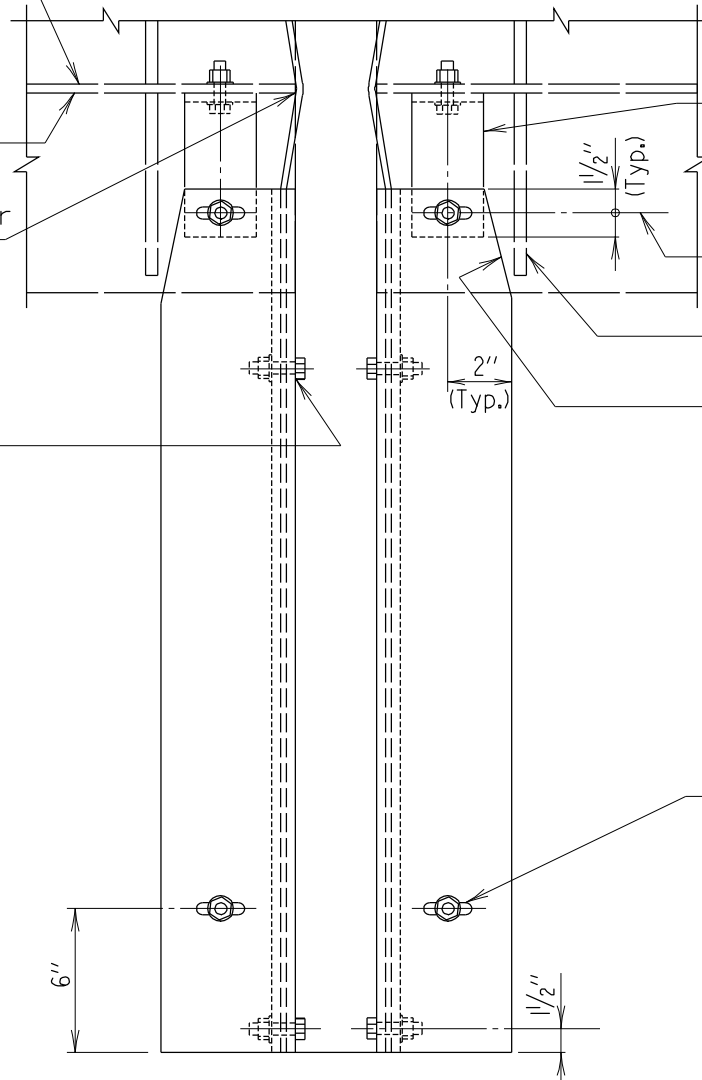


Existing web  
of exterior  
stringer

Existing exterior  
face of stringer web

Pull trough tight  
around end of stringer  
web. (Typ.)

Tack weld bolt head  
to angle prior to  
galvanizing. (Typ.)



6" x 6" x  $\frac{3}{8}$ " x 3" long galvanized  
clip angle (bend to accommodate  
slope). Bolt to support angle  
and existing web using  
 $\frac{1}{2}$ "  $\phi$  bolts.

$\phi$   $\frac{11}{16}$ " x 2" long slotted  
hole (typ.)

Existing bearing  
stiffener (Typ.)

Cope new 6" x 4" x  $\frac{3}{8}$ "  
support angle to  
avoid existing bearing  
stiffener where  
necessary.

$\frac{1}{2}$ "  $\phi$  threaded rod  
grouted 4" min. into  
slab

SECTION E-E  
Scale:  $1\frac{1}{2}$ " = 1'-0"

Note:  
Existing seat angle not shown for  
clarity.

APPROVAL	
<i>L. S. Friedman</i>	DIRECTOR
OFFICE OF STRUCTURES	
DATE: 11/14/95	
REVISIONS	
SHA	FHWA
1-23-97	.
1-22-01	.

FHWA APPROVAL  
DATE:

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF STRUCTURES

DRAINAGE TROUGH DETAIL AT PIER  
FOR EXISTING STRUCTURE

STANDARD NO. BR-SR(0.05)-95-308

SHEET 5 OF 8

STRUCTURAL REPAIRS